

§ 679.28 Equipment and operational requirements

§ 679.28 *Equipment and operational requirements.*

(a) Applicability.

This section contains the requirements for scales, observer sampling stations, bins for volumetric estimates, and vessel monitoring system hardware. This section does not require any vessel or processor to provide this equipment. Such requirements appear elsewhere in this part.

(b) Scales used to weigh catch at sea.

In order to be approved by NMFS a scale used to weigh catch at sea must meet the type evaluation requirements set forth in paragraph (b)(1) of this section and the initial inspection and annual reinspection requirements set forth in paragraph (b)(2) of this section. Once a scale is installed on a vessel and approved by NMFS for use to weigh catch at sea, it must be reinspected annually and must be tested daily and meet the maximum permissible error (MPE) requirements described in paragraph (b)(3) of this section.

(1) List of scales eligible for approval.

The model of scale must be included on the Regional Administrator's list of scales eligible to be approved for weighing catch at sea before an inspector will schedule or conduct a scale inspection under paragraph (b)(2) of this section. A scale will be included on the list when the Regional Administrator receives the information specified in paragraphs (b)(1)(i) through (iv) of this section. This information identifies and describes the scale, sets forth contact information regarding the manufacturer, and sets forth the results of required type evaluations and testing. Type evaluation and testing must be conducted by a laboratory accredited by the government of the country in which the tests are conducted.

(i) Information about the scale.

(A) Name of scale manufacturer.

(B) Name of manufacturer's representative.

(C) Mailing address of scale manufacturer and manufacturer's representative.

(D) Telephone and fax number of manufacturer's representative.

(E) Model and serial number of the scale tested.

(F) A written description of the scale and diagrams explaining how the scale operates and how it compensates for motion.

(G) A list of the model numbers of all scales for which type evaluation results are applicable, identifying the differences between the model evaluated in the laboratory and other models listed. The scales may differ only in the elements of the scale that perform motion compensation, the size or capacity of the scale, and the software used by the scale.

(H) A list of types of scale adjustments that will be recorded on the audit trail, including the name of the adjustment as it will appear on the audit trail, and a written description of the adjustment.

(ii) Information about the laboratory.

(A) Name of laboratory.

(B) Mailing address of laboratory.

(C) Telephone and fax number of laboratory's representative.

(D) Name and address of government agency accrediting the laboratory.

(E) Name and signature of person responsible for evaluation of the scale and the date of signature.

(iii) Checklist. A completed checklist indicating that all applicable technical and performance standards in appendix A to this part and the laboratory tests in the annex to appendix A to this part have been met.

(iv) Verification of test results. Verification that a scale meets the laboratory evaluation and testing requirements in appendix A of this part and each of the influence quantity and disturbance tests as specified in the annex to appendix A to this part:

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(A) Test results and data on forms supplied by NMFS;

(B) National Type Evaluation Program (NTEP) Certificates of Conformance, test results and data for a component of a scale or for the entire device. NTEP Certificates of Conformance, test results, and data may be submitted only in lieu of the specific influence factor tests conducted to obtain the NTEP Certificates of Conformance. Additional information must be submitted to verify compliance with the laboratory tests that are not performed under the NTEP; and/or

(C) International Organization of Legal Metrology (OIML) Certificates of Conformance, test results and data.

(2) Inspection of at-sea scales.

(i) What is an inspection? An inspection is a visual assessment and test of a scale after it is installed on the vessel and while the vessel is tied up at a dock and not under power at sea to determine if the scale meets all of the applicable performance and technical requirements in paragraph (b)(2) of this section and in appendix A to this part. A scale will be approved by the inspector if it meets all of the applicable performance and technical requirements in paragraph (b)(2) of this section and appendix A to this part.

(ii) How often must a scale be inspected? Each scale must be inspected and approved before the vessel may participate in any fishery requiring the weighing of catch at sea with an approved scale. Each scale must be reinspected within 12 months of the date of the most recent inspection.

(iii) Who may perform scale inspections? Scales must be inspected by either a NMFS staff scale inspector or a scale inspector employed by a weights and measures agency designated by NMFS to perform scale inspections on its behalf. A list of authorized scale inspectors is available from the Regional Administrator upon request. Scale inspections are paid for by NMFS.

(A) Inspectors from an agency designated by NMFS. Inspectors employed by a weights and measures agency designated by NMFS to perform scale

inspections on behalf of NMFS. Scale inspections by such inspectors are paid for by NMFS.

(B) Inspectors from other agencies. Inspectors employed by a U.S., state, or local weights and measures agency other than the weights and measures agency designated by NMFS and meeting the following requirements:

(1) The inspector successfully completes training conducted by a scale inspector from the weights and measures agency designated by NMFS to perform scale inspections on behalf of NMFS. The training consists of observing a scale inspection conducted by a scale inspector designated by NMFS and conducting an inspection under the supervision of a scale inspector designated by NMFS. The inspector must obtain this training for each type of scale inspected.

(2) The inspector notifies NMFS in writing that he/she meets the requirements of this paragraph (b)(2)(iii)(B) prior to conducting any inspections.

(3) Inspectors from agencies other than the weights and measures agency designated by NMFS to perform scale inspections on behalf of NMFS must notify the Regional Administrator of the date, time, and location of the scale inspection at least 3 working days before the inspection is conducted so that NMFS staff may have the opportunity to observe the inspection.

(iv) How does a vessel owner arrange for a scale inspection? The time and place of the inspection may be arranged by contacting the authorized scale inspectors. Vessel owners must request a scale inspection at least 10 working days in advance of the requested inspection by contacting an authorized scale inspector at the address indicated on the list of authorized inspectors.

(v) Where will scale inspections be conducted? Scale inspections by inspectors paid by NMFS will be conducted on vessels tied up at docks in Dutch Harbor, Alaska, and in the Puget Sound area of Washington State.

(vi) Responsibilities of the vessel owner during a scale inspection. After the vessel owner has installed a model of scale that is on the Regional Administrator's

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list of scales eligible to be approved for weighing catch at sea, the vessel owner must:

(A) Make the vessel and scale available for inspection by a scale inspector authorized by the Regional Administrator.

(B) Provide a copy of the scale manual supplied by the scale manufacturer to the inspector at the beginning of the inspection.

(C) Transport test weights, test material, and equipment required to perform the test to and from the inspector's vehicle and the location on the vessel where the scale is installed.

(D) Apply test weights to the scale or convey test materials across the scale, if requested by the scale inspector.

(E) Assist the scale inspector in performing the scale inspection and testing.

(vii) Scale inspection report.

(A) A scale is approved for use when the scale inspector completes and signs a scale inspection report verifying that the scale meets all of the requirements specified in this paragraph (b)(2) and appendix A to this part.

(B) The scale inspector must provide the original inspection report to the vessel owner and a copy to NMFS.

(C) The vessel owner must either:

(1) Maintain a copy of the report on board when use of the scale is required and make the report available to the observer, NMFS personnel, or an authorized officer, upon request, or;

(2) Display a valid NMFS-sticker on each approved scale.

(D) When in use, an approved scale must also meet the requirements described in paragraphs (b)(3) through (b)(6) of this section.

(3) At-sea scale tests.

To verify that the scale meets the MPEs specified in this paragraph (b)(3), the vessel operator must test each scale or scale system used to weigh total catch one time during each 24-hour period when use of the scale is required. The vessel owner must ensure that these tests are performed in an accurate and timely manner.

(i) Belt scales and automatic hopper scales.

(A) The MPE in the daily at-sea scale tests is plus or minus 3 percent of the known weight of the test material.

(B) Test procedure. A material test must be conducted by weighing at least 400 kg of fish or an alternative material supplied by the scale manufacturer on the scale under test. The known weight of the test material must be determined by weighing it on a platform scale approved for use under paragraph (b)(7) of this section.

(ii) Platform and hanging scales.

(A) Maximum Permissible Error. The MPE for platform and hanging scales is plus or minus 0.5 percent of the known weight of the test material.

(B) Test weights. Each test weight must have its weight stamped on or otherwise permanently affixed to it. The weight of each test weight must be annually certified by a National Institute of Standards and Technology approved metrology laboratory or approved for continued use by the NMFS authorized inspector at the time of the annual scale inspection. The amount of test weights that must be provided by the vessel owner is specified in paragraphs (b)(3)(ii)(B)(1) and (b)(3)(ii)(B)(2) of this section.

(1) Platform scales used as observer sampling scales or to determine the known weight of test materials. Any combination of test weights that will allow the scale to be tested at 10 kg, 25 kg, and 50 kg.

(2) Scales used to weigh total catch. Test weights equal to the largest amount of fish that will be weighed on the scale in one weighing.

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(iii) Requirements for all scale tests.

(A) Notify the observer at least 15 minutes before the time that the test will be conducted, and conduct the test while the observer is present.

(B) Conduct the scale test by placing the test material or test weights on or across the scale and recording the following information on the at-sea scale test report form:

(1) Vessel name;

(2) Month, day, and year of test;

(3) Time test started to the nearest minute;

(4) Known weight of test material or test weights;

(5) Weight of test material or test weights recorded by scale;

(6) Percent error as determined by subtracting the known weight of the test material or test weights from the weight recorded on the scale, dividing that amount by the known weight of the test material or test weights, and multiplying by 100; and

(7) Sea conditions at the time of the scale test.

(C) Maintain the test report form on board the vessel until the end of the fishing year during which the tests were conducted, and make the report forms available to observers, NMFS personnel, or an authorized officer. In addition, the scale test report forms must be retained by the vessel owner for 3 years after the end of the fishing year during which the tests were performed. All scale test report forms must be signed by the vessel operator.

(4) Scale maintenance.

The vessel owner must ensure that the vessel operator maintains the scale in proper operating condition throughout its use; that adjustments made to the scale are made so as to bring the performance errors as close as practicable to a zero value; and that no adjustment is made that will cause the scale to weigh fish inaccurately.

(5) Printed reports from the scale (not applicable to observer sampling scales).

The vessel owner must ensure that the printed reports are provided as required by this paragraph. Printed reports from the scale must be maintained on board the vessel until the end of the year during which the reports were made and be made available to observers, NMFS personnel, or an authorized officer. In addition, printed reports must be retained by the vessel owner for 3 years after the end of the year during which the printouts were made.

(i) Reports of catch weight and cumulative weight.

Reports must be printed at least once every 24 hours when use of the scale is required. Reports must also be printed before any information stored in the scale computer memory is replaced. Scale weights must not be adjusted by the scale operator to account for the perceived weight of water, mud, debris, or other materials. Scale printouts must show:

(A) The vessel name and Federal fisheries or processor permit number.

(B) The haul or set number as recorded in the processor's DCPL (see § 679.5);

(C) The total weight of the haul or set;

(D) The total cumulative weight of all fish or other material weighed on the scale.

(ii) Printed report from the audit trail. The printed report must include the information specified in sections 2.3.1.8, 3.3.1.7, and 4.3.1.8 of appendix A to this part. The printed report must be provided to the authorized scale inspector at each scale inspection and must also be printed at any time upon request of the observer, the scale inspector, NMFS staff, or an authorized officer.

(6) Scale installation requirements.

The scale display must be readable from where the observer collects unsorted catch.

(7) Platform scales used as observer sampling scales or to determine the known weight of test materials.

Platform scales used only as observer sampling scales or to determine the known weight of fish for a

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material test of another scale are required to meet all of the requirements of paragraph (b) of this section and appendix A to this part except sections 4.3.1 and 4.3.1.5 of appendix A to this part (printer) or section 4.3.1.8 (audit trail) of appendix A to this part.

(c) Scales approved by the State of Alaska.

Scale requirements in this paragraph are in addition to those requirements set forth by the State of Alaska, and nothing in this paragraph may be construed to reduce or supersede the authority of the State to regulate, test, or approve scales within the State of Alaska or its territorial sea. Scales used to weigh groundfish catch that are also required to be approved by the State of Alaska under Alaska Statute 45.75 must meet the following requirements:

(1) Verification of approval.

The scale must display a valid State of Alaska sticker indicating that the scale was inspected and approved within the previous 12 months.

(2) Visibility.

The owner and manager of the processor must ensure that the scale and scale display are visible simultaneously to the observer. Observers, NMFS personnel, or an authorized officer must be allowed to observe the weighing of fish on the scale and be allowed to read the scale display at all times.

(3) Printed scale weights

(i) The owner and manager of the processor must ensure that printouts of the scale weight of each haul, set, or delivery are made available to observers, NMFS personnel, or an authorized officer at the time printouts are generated and thereafter upon request for the duration of the fishing year. The owner and manager must retain scale printouts as records as specified in § 679.5(a)(13).

(ii) A scale identified in a CMCP (see paragraph (g) of this section) must produce a printed record for each delivery, or portion of a delivery, weighed on that scale. If approved by NMFS as part of the CMCP, scales not designed for automatic bulk weighing may be exempted from part or all of the printed record requirements. The printed record must include:

(A) The processor name;

(B) The weight of each load in the weighing cycle;

(C) The total weight of fish in each delivery, or portion of the delivery that was weighed on that scale;

(D) The total cumulative weight of all fish or other material weighed on the scale since the last annual inspection;

(E) The date and time the information is printed;

(F) The name and ADF&G number of the vessel making the delivery. This information may be written on the scale printout in pen by the scale operator at the time of delivery.

(4) Inseason scale testing.

Scales identified in an approved CMCP (see paragraph (g) of this section) must be tested by plant personnel in accordance with the CMCP when testing is requested by NMFS-staff or NMFS- authorized personnel. Plant personnel must be given no less than 20 minutes notice that a scale is to be tested and no testing may be requested if a scale test has been requested and the scale has been found to be accurate within the last 24 hours.

(i) How does a scale pass an inseason test?

To pass an inseason test, NMFS staff or NMFS-authorized personnel will verify that the scale display and printed information are clear and easily read under all conditions of normal operation, weight values are visible on the display until the value is printed, and the scale does not exceed the maximum permissible errors specified below:

Test Load in Scale Divisions	Maximum Error In Scale Divisions
(A) 0-500	1
(B) 501-2,000	2
(C) 2,001-4,000	3
(D) >4,000	4

(ii) How much weight is required to do an inseason scale test? Scales must be tested with the

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amount and type of weight specified for each scale type in the following tables:

(A) Automatic hopper 0 to 150 kg (0 to 300 lb) capacity.

Certified Test Weights	Other test material
(1) Minimum weight or 10 kg (20 lb), whichever is greater	Minimum
(2) Maximum	Maximum

(B) Automatic hopper > 150 kg (300 lb) capacity.

Certified Test Weights	Other test material
(1) Minimum weight or 10 kg (20 lb), whichever is greater	Minimum
(2) 25 percent of maximum of 150 kg (300 lb), whichever is greater	Maximum

(C) Platform or flatbed 0 to 150 kg (0 to 300 lb) capacity.

Certified Test Weights	Other test material
(1) 10 kg (20 lb)	Not Acceptable
(2) Midpoint	Not Acceptable
(3) Maximum	Not Acceptable

(D) Platform or flatbed > 150 kg (300 lb) capacity.

Certified Test Weights	Other test material
(1) 10 kg (20 lb)	Not Acceptable
(2) 12.5 percent of maximum or 75 kg (150 lb), whichever is greater	50 percent of maximum or 75 kg (150 lb), whichever is greater

(3) 25 percent of maximum or 150 kg (300 lb), whichever is greater	75 percent of maximum or 150 kg (300 lb), whichever is greater
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(E) Observer sampling scale > 50 kg capacity.

Certified Test Weights	Other test material
(1) 10 kg	Not Acceptable
(2) 25 kg	Not Acceptable
(3) 50 kg	Not Acceptable

(iii) Certified test weights. Each test weight used for inseason scale testing must have its weight stamped on or otherwise permanently affixed to it. The weight of each test weight must be certified by a National Institute of Standards and Technology approved metrology laboratory every 2 years. An observer platform scale must be provided with sufficient test weights to test the scale at 10 kg, 25 kg, and 50 kg. All other scales identified in an approved CMCP must be provided with sufficient test weights to test the scale as described in this paragraph (c)(4) of this section. Test weights for observer platform scales must be denominated in kilograms. Test weights for other scales may be denominated in pounds.

(iv) Other test material. When permitted in paragraph (c)(4)(ii) of this section, a scale may be tested with test material other than certified test weights. This material must be weighed on an accurate observer platform scale at the time of each use.

(v) Observer sampling scales. Platform scales used as observer sampling scales must:

(A) Have a capacity of no less than 50 kg;

(B) Have a division size of no less than 5 g;

(C) Indicate weight in kilograms and decimal subdivisions; and

(D) Be accurate within plus or minus 0.5 percent when tested at 10 kg, 25 kg, and 50 kg by NMFS staff or a NMFS-certified observer.

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(d) Observer sampling station

(1) Accessibility.

All of the equipment required for an observer sampling station must be available to the observer at all times while a sampling station is required and the observer is aboard the vessel, except that the observer sampling scale may be used by vessel personnel to conduct material tests of the scale used to weigh total catch under paragraph (b)(3) of this section, as long as the use of the observer's sampling scale by others does not interfere with the observer's sampling duties.

(2) Location.

(i) Motherships and catcher/processors or catcher vessels using trawl gear. The observer sampling station must be located within 4 m of the location from which the observer collects unsorted catch. Clear, unobstructed passage must be provided between the observer sampling station and the location where the observer collects unsorted catch. When standing where unsorted catch is sampled, the observer must be able to see that no fish have been removed between the bin and the scale used to weigh total catch.

(ii) Vessels using nontrawl gear. The observer sampling station must be located within 5 m of the collection area, described at § 679.28(d)(7)(ii)(B), unless any location within this distance is unsafe for the observer. Clear, unobstructed passage must be provided between the observer sampling station and the collection area. Access must be provided to the tally station, described at § 679.28(d)(7)(ii)(A). NMFS may approve an alternative location if the vessel owner submits a written proposal describing the alternative location and the reasons why a location within 5 m of where fish are brought on board the vessel is unsafe, and the proposed observer sampling station meets all other applicable requirements of this section.

(iii) What is clear, unobstructed passage? Where clear and unobstructed passage is required, passageways must be at least 65 cm wide at their narrowest point, be free of tripping hazards, and be at least 1.8 m high. Doorways or companionways must be free of obstacles.

(3) Minimum work space.

The observer must have a working area for sampling of at least 4.5 square meters. This working area includes the observer's sampling table. The observer must be able to stand upright and have a work area at least 0.9 m deep in the area in front of the table and scale.

(4) Table.

The observer sampling station must include a table at least 0.6 m deep, 1.2 m wide and 0.9 m high and no more than 1.1 m high. The entire surface area of the table must be available for use by the observer. Any area used for the observer sampling scale is in addition to the minimum space requirements for the table. The observer's sampling table must be secured to the floor or wall.

(5) Observer sampling scale.

The observer sampling station must include a NMFS -approved platform scale with a capacity of at least 50 kg located within 1 m of the observer's sampling table. The scale must be mounted so that the weighing surface is no more than 0.7 m above the floor. The scale must be approved by NMFS under paragraph (b) of this section and must meet the maximum permissible error requirement specified in paragraph (b)(3)(ii)(A) of this section when tested by the observer.

(6) Other requirements.

The sampling station must include flooring that prevents slipping and drains well (grating or other material where appropriate), adequate lighting, and a hose that supplies fresh or sea water to the observer.

(7) Requirements for sampling catch.

(i) Motherships and catcher/processors using trawl gear. The conveyor belt conveying unsorted catch must have a removable board to allow fish to be diverted from the belt directly into the observer's sampling baskets. The diverter board must be located downstream of the scale used to weigh total catch so that the observer can use this scale to weigh large samples. At least 1 m of accessible belt space, located downstream of the scale used to weigh total catch, must be available for the observer's use when sampling a haul.

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(ii) Catcher/processors using non-trawl gear. In addition to the sampling station, vessels using non-trawl gear must provide:

(A) Tally station. A place where the observer can see the gear as it leaves the water and can count and identify fish. It must be within 5 m of where fish are brought aboard the vessel and in a location where the observer is not in danger of falling overboard or being injured during gear retrieval. Where exposed to wind or seas, it must be equipped with a railing at least 1.0 m high, grating or other non-slip material, and adequate lighting.

(B) Collection area. A collection area is a place where the observer, or vessel crew under the observer's guidance, collects fish as they come off the line or are removed from pots. It must be located where the observer can see the gear when it leaves the water. Where exposed to wind or seas, it must be equipped with a railing at least 1.0 m high and grating or other non-slip material.

(8) Inspection of the observer sampling station.

Each observer sampling station must be inspected and approved by NMFS prior to its use for the first time and then one time each year within 12 months of the date of the most recent inspection with the following exceptions: If the observer sampling station is moved or if the space or equipment available to the observer is reduced or removed when use of the observer sampling station is required, the observer sampling station inspection report issued under this section is no longer valid, and the observer sampling station must be reinspected and approved by NMFS. Inspection of the observer sampling station is in addition to inspection of the at-sea scales by an authorized scale inspector required at paragraph (b)(2) of this section.

(i) How does a vessel owner arrange for an observer sampling station inspection? The time and place of the inspection may be arranged by submitting to NMFS a written request for an inspection. Inspections will be scheduled no later than 10 working days after NMFS receives a complete application for an inspection, including the following information:

(A) Name and signature of the person submitting the application, and the date of the application.

(B) Street address, business address, telephone number, and fax number of the person submitting the application.

(C) Whether the vessel or processor has received an observer sampling scale inspection before and, if so, the date of the most recent inspection report.

(D) Vessel name.

(E) Federal fishery permit number.

(F) Location of vessel where sampling station inspection is requested to occur, including street address and city.

(G) For catcher/processors using trawl gear and motherships, a diagram drawn to scale showing the location(s) where all catch will be weighed, the location where observers will sample unsorted catch, and the location of the observer sampling station as described at paragraph (d) of this section.

(H) For all other vessels, a diagram drawn to scale showing the location(s) where catch comes on board the vessel, the location where observers will sample unsorted catch, the location of the observer sampling station, including the observer sampling scale, and the name of the manufacturer and model of the observer sampling scale.

(I) For all vessels, a copy of the most recent scale inspection report issued under paragraph (b)(2) of this section.

(ii) Where will observer sampling station inspections be conducted? Inspections will be conducted on vessels tied up at docks in Dutch Harbor, Alaska, and in the Puget Sound area of Washington State.

(iii) Observer sampling station inspection report. An observer sampling station inspection report, valid for 12 months from the date it is signed by NMFS, will be issued to the vessel owner if the observer sampling station meets the requirements in this paragraph (d). The vessel owner must maintain a current observer sampling station inspection report on board the vessel at all times when the vessel is required to provide an observer sampling station approved for use under this

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paragraph (d). The observer sampling station inspection report must be made available to the observer, NMFS personnel, or to an authorized officer upon request.

(e) Certified bins for volumetric estimates of catch weight

(1) Certification.

The information required in this paragraph (e) must be prepared, dated, and signed by a licensed engineer with no financial interest in fishing, fish processing, or fish tendering vessels. Complete bin certification documents must be submitted to the Regional Administrator prior to harvesting or receiving groundfish from a fishery in which certified bins are required and must be on board the vessel and available to the observer at all times.

(2) Specifications.

(i) Measurement and marking. The volume of each bin must be determined by accurate measurement of the internal dimensions of the bin. The internal walls of the bin must be permanently marked and numbered in 10-cm increments indicating the level of fish in the bin in cm. All marked increments and numerals must be readable from the outside of the bin through a viewing port or hatch at all times. Marked increments are not required on the wall in which the viewing port is located, unless such increments are necessary to determine the level of fish in the bin from another viewing port. Bins must be lighted in a manner that allows marked increments to be read from the outside of the bin by an observer or authorized officer. For bin certification documents dated after July 6, 1998, the numerals at the 10-cm increment marks must be at least 4 cm high.

(ii) Viewing ports. Each bin must have a viewing port or ports from which the internal bin markings and numerals on all walls of the bin can be seen from the outside of the bin, except that bin markings and numerals are not required on the wall in which the viewing port is placed, if that wall cannot be seen from any other viewing port in the bin.

(3) Information required.

For bin certification documents submitted after July 6, 1998, the person certifying the bins must provide:

(i) The vessel name;

(ii) The date the engineer measured the bins and witnessed the location of the marked increments and numerals;

(iii) A diagram, to scale, of each bin showing the location of the marked increments on each internal wall of the bin, the location, and dimensions of each viewing port or hatch, and any additional information needed to estimate the volume of fish in the bin;

(iv) Tables indicating the volume of each certified bin in cubic meters for each 10-cm increment marked on the sides of the bins;

(v) Instructions for determining the volume of fish in each bin from the marked increments and table; and

(vi) The person's name and signature and the date on which the completed bin certification documents were signed.

(4) Recertification.

The bin's volume and the marked and numbered increments must be recertified if the bin is modified in a way that changes its size or shape or if marking strips or marked increments are moved or added.

(5) Operational requirements.

(i) Placement of catch in certified bins. All catch must be placed in a bin certified under this paragraph (e) to estimate total catch weight prior to sorting. Refrigerated seawater tanks may be used for volumetric estimates only if the tanks comply with all other requirements of this paragraph (e). No adjustments of volume will be made for the presence of water in the bin or tank.

(ii) Prior notification. Vessel operators must notify observers prior to any removal of fish from or addition of fish to each bin used for volumetric measurements of catch so that an observer may make bin volume estimates prior to fish being removed from or added to the bin. Once a volumetric estimate has been made,

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additional fish may not be added to the bin until at least half the original volume has been removed. Fish may not be removed from or added to a bin used for volumetric estimates of catch weight until an observer indicates that bin volume estimates have been completed and any samples of catch required by the observer have been taken.

(iii) Fish from separate hauls or deliveries from separate harvesting vessels may not be mixed in any bin used for volumetric measurements of catch.

(iv) The bins must not be filled in a manner that obstructs the viewing ports or prevents the observer from seeing the level of fish throughout the bin.

(f) Vessel Monitoring System (VMS) Requirements

(1) What is a VMS?

A VMS consists of a NMFS-approved VMS transmitter that automatically determines the vessels position and transmits it to a NMFS-approved communications service provider. The communications service provider receives the transmission and relays it to NMFS.

(2) How are VMS transmitters and communications service providers approved by NMFS?

(i) NMFS publishes type approval specifications for VMS components in the ***Federal Register***.

(ii) Transmitter manufacturers or communication service providers may submit products or services to NMFS for evaluation based on the published specifications.

(iii) NMFS will publish a list of NMFS-approved transmitters and communication service providers in the ***Federal Register***. As necessary, NMFS will publish amendments to the list of approved components in the ***Federal Register***.

(3) What are the vessel owner's responsibilities?

If you are a vessel owner that must participate in a VMS, you or your crew must:

(i) Obtain a NMFS-approved VMS transmitter and have it installed onboard your vessel in accordance with the instructions provided by NMFS. You may get a copy of the VMS installation and operation instructions from the Regional Administrator upon request.

(ii) Activate the VMS transmitter and receive confirmation from NMFS that the VMS transmissions are being received before engaging in operations when a VMS is required.

(iii) Continue the VMS transmissions until no longer engaged in operations requiring VMS.

(iv) Stop fishing immediately if informed by NMFS staff or an authorized officer that NMFS is not receiving position reports from the VMS transmitter.

(v) Make the VMS transmitter available for inspection by NMFS personnel, observers or an authorized officer.

(vi) Ensure that the VMS transmitter is not tampered with, disabled, destroyed or operated improperly.

(vii) Pay all charges levied by the communication service provider.

(4) What must the vessel owner do before activating a VMS transmitter for the first time?

If you are a vessel owner who must use a VMS and you are activating a VMS transmitter for the first time, you must:

(i) Contact the NMFS Enforcement Division by FAX at 907-586-7703 and provide: the VMS transmitter ID, the vessel name, the Federal Fisheries Permit number, and approximately when and where the vessel will begin fishing.

(ii) Call NMFS enforcement at 907-586-7225, Monday through Friday, between the hours of 0800 hours, A.l.t., and 1630 hours, A.l.t., at least 72 hours before leaving port and receive confirmation that the transmissions are being received.

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(5) What must the vessel owner do when the vessel replaces a VMS transmitter?

If you are a vessel owner who must use a VMS and you wish to replace a transmitter, you must either:

(i) Have followed the reporting and confirmation procedure for the replacement transmitter, as described above in paragraph (f)(4) of this section, or

(ii) Contact the NMFS Enforcement Division by phone or FAX and provide: the replacement VMS transmitter ID, the vessel name and the vessel's Federal Fisheries Permit Number and receive confirmation that the transmissions are being received before beginning operations.

(6) When must the VMS transmitter be transmitting?

Your vessel's transmitter must be transmitting if the vessel is operating in any reporting area (see definitions at § 679.2) off Alaska while any fishery requiring VMS, for which the vessel has a species and gear endorsement on its Federal Fisheries Permit under § 679.4(b)(5)(vi), is open.

(g) Catch monitoring and control plan requirements (CMCP)

(1) What is a CMCP?

A CMCP is a plan submitted by the owner and manager of a processing plant, and approved by NMFS, detailing how the processing plant will meet the catch monitoring and control standards detailed in paragraph (g)(6) of this section.

(2) Who is required to prepare and submit a CMCP for approval?

The owner and manager of an AFA inshore processor is required to prepare and submit a CMCP which must be approved by NMFS prior to the receipt of pollock harvested in the BSAI directed pollock fishery.

(3) How is a CMCP approved by NMFS?

NMFS will approve a CMCP if it meets all the performance standards specified in paragraph (g)(6) of this section. The processor must be inspected by NMFS prior to approval of the CMCP to ensure that the processor conforms to the elements addressed in the

CMCP. NMFS will complete its review of the CMCP within 14 working days of receiving a complete CMCP and conducting a CMCP inspection. If NMFS disapproves a CMCP, the plant owner or manager may resubmit a revised CMCP or file an administrative appeal as set forth under the administrative appeals procedures described at § 679.43.

(4) How is a CMCP inspection arranged?

The time and place of a CMCP inspection may be arranged by submitting a written request for an inspection to NMFS, Alaska Region. NMFS will schedule an inspection within 10 working days after NMFS receives a complete application for an inspection. The inspection request must include:

(i) Name and signature of the person submitting the application and the date of the application;

(ii) Address, telephone number, fax number, and email address (if available) of the person submitting the application;

(iii) A proposed CMCP detailing how the processor will meet each of the performance standards in paragraph (g)(6) of this section.

(5) For how long is a CMCP approved?

NMFS will approve a CMCP for 1 year if it meets the performance standards specified in paragraph (e)(2) of this section. An owner or manager must notify NMFS in writing if changes are made in plant operations or layout that do not conform to the CMCP.

(6) How do I make changes to my CMCP?

An owner and manager may change an approved CMCP by submitting a CMCP addendum to NMFS. NMFS will approve the modified CMCP if it continues to meet the performance standards specified in paragraph (e)(2) of this section. Depending on the nature and magnitude of the change requested, NMFS may require a CMCP inspection as described in paragraph (g)(3) of this section. A CMCP addendum must contain:

(i) Name and signature of the person submitting the addendum;

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(ii) Address, telephone number, fax number and email address (if available) of the person submitting the addendum;

(iii) A complete description of the proposed CMCP change.

(7) Catch monitoring and control standards

(i) Catch sorting and weighing requirements. All groundfish delivered to the plant must be sorted and weighed by species. The CMCP must detail the amount and location of space for sorting catch, the number of staff assigned to catch sorting and the maximum rate that catch will flow through the sorting area.

(ii) Scales used for weighing groundfish. The CMCP must identify by serial number each scale used to weigh groundfish and describe the rationale for its use.

(iii) Scale testing procedures. Scales identified in the CMCP must be accurate within the limits specified in paragraph (c)(4)(i) of this section. For each scale identified in the CMCP a testing plan must be developed that:

(A) Describes the procedure the plant will use to test the scale;

(B) Lists the test weights and equipment required to test the scale;

(C) Lists where the test weights and equipment will be stored; and

(D) Lists the plant personnel responsible for conducting the scale testing.

(iv) Printed record. The owner and manager must ensure that the scale produces a complete and accurate printed record of the weight of each species in a delivery. All of the groundfish in a delivery must be weighed on a scale capable of producing a complete printed record as described in paragraph (c)(3) of this section. However, NMFS may exempt scales not designed for automatic bulk weighing from some or all of the printed record requirements if the CMCP identifies any scale that cannot produce a complete

printed record, states how the processor will use the scale, and states how the plant intends to produce a complete record of the total weight of each delivery.

(v) Delivery point. Each CMCP must identify a single delivery point. The delivery point is the first location where fish removed from a delivering catcher vessel can be sorted or diverted to more than one location. If the catch is pumped from the hold of a catcher vessel or a codend, the delivery point normally will be the location where the pump first discharges the catch. If catch is removed from a vessel by brailing, the delivery point normally will be the bin or belt where the brailer discharges the catch.

(vi) Observation area. Each CMCP must designate an observation area. The observation area is a location designated on the CMCP where an individual may monitor the flow of fish during a delivery. The owner and manager must ensure that the observation area meets the following standards:

(A) Access to the observation area. The observation area must be freely accessible to NMFS staff or NMFS-authorized personnel at any time a valid CMCP is required.

(B) Monitoring the flow of fish. From the observation area, an individual must have an unobstructed view or otherwise be able to monitor the entire flow of fish between the delivery point and a location where all sorting has taken place and each species has been weighed.

(vii) Observer work station. Each CMCP must identify and include an observer work station for the exclusive use of NMFS-certified observers. Unless otherwise approved by NMFS, the work station must meet the following criteria:

(A) Location of observer work station. The observer work station must be located in an area protected from the weather where the observer has access to unsorted catch.

(B) Platform scale. The observer work station must include a platform scale as described in paragraph (c)(4) of this section;

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(C) Proximity to observer work station. The observer area must be located near the observer work station. The plant liaison must be able to walk between the work station and the observation area in less than 20 seconds without encountering safety hazards.

(D) Workspace. The observer work station must include: A working area of at least 4.5 square meters, a table as specified in paragraph (d)(4) of this section, and meet the other requirements as specified in paragraph (d)(6) of this section.

(E) Lockable cabinet. The observer work station must include a secure and lockable cabinet or locker of at least 0.5 cubic meters.

(viii) Communication with observer. The CMCP must describe what communication equipment such as radios, pagers or cellular phones, is used to facilitate communications within the plant. The plant owner must ensure that the plant manager provides the NMFS-certified observer with the same communications equipment used by plant staff.

(ix) Plant liaison. The CMCP must designate a plant liaison. The plant liaison is responsible for:

(A) Orienting new observers to the plant;

(B) Assisting in the resolution of observer concerns; and

(C) Informing NMFS if changes must be made to the CMCP.

(x) Scale drawing of plant. The CMCP must be accompanied by a scale drawing of the plant showing:

(A) The delivery point;

(B) The observation area;

(C) The observer work station;

(D) The location of each scale used to weigh catch; and

(E) Each location where catch is sorted.